

ABSTRACT

**TRANSITION BETWEEN A RECTANGULAR WAVEGUIDE AND A
MICROSTRIP LINE**

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The transition between a rectangular waveguide and a microstrip line consists of a ribbed rectangular waveguide (G) realised in a foam bar in synthetic material of which the metallized base (8) under the rib (6) continues in the form of a foam plate constituting a substrate for the microstrip line, the rib having a base extending between the upper plane (4) of the ribbed waveguide and the upper plane (5) of the substrate and the microstrip line (7) being disposed on the upper plane of the substrate in the continuation of the base of the rib.

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Figure to publish: fig. 1